

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior revisions, and listings, of claims in the application.

Listing of Claims:

1 - 20. (*Canceled*)

21. (*Currently amended*) A method for managing advertiser's account in keyword advertisement, the method comprising the steps of:

generating a predicted expense associated with a search word for a first advertising period based, at least in part, upon statistical data of prior actual clicks for a predetermined advertising period, the predicted expense being associated with expected clicks and a unit click cost associated with the search word;

providing to an advertiser over a network the predicted expense for the first advertising period;

upon receipt of a request for advertising from the advertiser, setting up the predicted expense as an account limit for the first advertising period ~~receiving payment for an advertisement from the advertiser, the payment being associated with the predicted expense;~~

maintaining a search information database including a search listing associated with the advertisement, in response to the request for advertising from the advertiser ~~receipt of the payment,~~ the search listing being associated with the search word;

receiving a search request from a user, the search request including the search word;

identifying the search listing associated with the search word in response to the search request from the user, thereby placing the search listing in accordance with a predetermined advertising rule;

assessing actual cost for the advertisement based, at least in part, upon a number of actual clicks on the search listing in accordance with a predetermined rule;

updating account information of the advertiser based, at least in part, upon the actual cost; and

if the actual cost exceeds the predicted expense, providing the advertiser with a free advertising period during the remaining time period of the first advertising period without charging beyond the predicted expense, the free advertising period being a period of time in which advertisements ~~advertisings~~ are served but the advertiser's account for the advertisement is depleted.

22. (*Previously presented*) The method of claim 21, further comprising the steps of:
generating the statistical data of prior actual clicks for a predetermined previous period;
generating a number of expected clicks based, at least in part, upon the statistical data,
wherein the number of expected clicks is calculated on a basis of regression;
calculating a maximum number of expected clicks during a predetermined period based, at least in part, upon the number of expected clicks; and
generating the predicted expense based, at least in part, upon the maximum number of expected clicks.

23. (*Previously presented*) The method of claim 22, wherein said step of generating a number of expected clicks comprises the steps of:

setting a number of expected clicks (Y') by the regression, as $Y'=b \cdot m^X$ or

$Y'=m \cdot X+b$, wherein X is a date; and

determining m and b , variable factors of the regression, by using the statistical information.

24. (*Previously presented*) The method of claim 23, wherein the number of expected clicks (Y') is set by further considering information on a number of impressions during a particular period or information on a number of season-oriented clicks.

25. (*Previously presented*) The method of claim 24, further comprising the step of setting the number of expected clicks (Y') as $Y'=(b \cdot (m1^{X1}) \cdot (m2^{X2}) \cdot \dots (mn^{Xn}))$ or

$Y'=(m1 \cdot X1)+(m2 \cdot X2)+\dots(mn \cdot Xn)+b$, and

wherein the $X1, X2, \dots$ is input of time series data of the number of impressions or the number of season-oriented clicks.

26. (*Previously presented*) The method of claim 22, wherein the step of generating a predicted expense further considers at least one predetermined multiplier based on the statistical data.

27. *(Previously presented)* The method of claim 22, further comprising the step of comparing the number of actual clicks with the maximum number of expected clicks.

28. *(Previously presented)* The method of claim 21, further comprising the step of determining a valid click, wherein said step of determining a valid click comprises the steps of:

- receiving a click on the search listing from the user;
- obtaining a first identifier associated with the search listing clicked by the user;
- in case that the first identifier is identical to a second identifier associated with the search listing clicked within a predetermined time period, determining that the click is invalid; and
- counting clicks on the search listing in accordance with the predetermined rule, excluding the clicks determined to be invalid.

29. *(Previously presented)* The method of claim 28, wherein said step of determining a valid click is performed every predetermined time period during the predetermined advertising period.

30. *(Previously presented)* The method of claim 28, wherein, in case that a request for cancellation of an advertisement is received from the advertiser within the predetermined advertising period, said step of determining a valid click is ceased at the time of the cancellation.

31. *(Previously presented)* The method of claim 21, further comprising the steps of:

- transmitting information on a test amount to an account associated with the advertiser;
- receiving data related to the bidding process from the advertiser; and

determining whether the test amount is identical to the data related to the bidding process from the advertiser.

32. *(Previously presented)* The method of claim 21, further comprising the steps of:
generating information on a trend of clicks based on the number of actual clicks within the advertising period; and

generating the predicted expense based on the trend of clicks.

33. *(Previously presented)* The method of claim 21, further comprising the steps of:
maintaining a present information database for recording information on a present state of the advertisement associated with the advertiser; and

providing the advertiser with the information on the present state of the advertisement;

wherein the information on the present state of the advertisement includes at least one selected from a group consisting of return on investment (ROI), unique visitor (UV), click through rate (CTR), a number of clicks and a number of impression associated with the search listing during the advertising period.

34. *(Previously presented)* The method of claim 21, wherein the unit click cost is set by satisfying the steps of:

receiving at least one bid price associated with at least one arranged location of the search listing from at least one advertiser;

accepting one bid price satisfying a predetermined condition among the at least one bid price for each of the at least one arranged location of the search listing; and

setting the accepted bid price to be a unit click cost.

35. (*Currently amended*) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors, causes the one or more processors to perform acts including:

generating a predicted expense associated with a search word for a first advertising period based, at least in part, upon statistical data of prior actual clicks for a predetermined advertising period, the predicted expense being associated with expected clicks and a unit click cost associated with the search word;

providing to an advertiser over a network the predicted expense for the first advertising period;

upon receipt of a request for advertising from the advertiser, setting up the predicted expense as an account limit for the first advertising period ~~receiving payment for an advertisement from the advertiser, the payment being associated with the predicted expense;~~

maintaining a search information database including a search listing associated with the advertisement, in response to the request for advertising from the advertiser ~~receipt of the payment~~, the search listing being associated with the search word;

receiving a search request from a user, the search request including the search word;

identifying the search listing associated with the search word in response to the search request from the user, thereby placing the search listing in accordance with a predetermined advertising rule;

assessing actual cost for the advertisement based, at least in part, upon a number of actual clicks on the search listing in accordance with a predetermined rule;

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updating account information of the advertiser based, at least in part, upon the actual cost;
and

if the actual cost exceeds the predicted expense, providing the advertiser with a free advertising period during the remaining time period of the first advertising period without charging beyond the predicted expense, the free advertising period being a period of time in which advertisements ~~advertisings~~ are served but the advertiser's account for the advertisement is depleted.